

## SEQUENCE LISTING

## (1) GENERAL INFORMATION:

(i) APPLICANTS: Philip Dan Cook

5 (ii) TITLE OF INVENTION: PNA-DNA-PNA Chimeric  
Macromolecules

(iii) NUMBER OF SEQUENCES: 4

## (iv) CORRESPONDENCE ADDRESS:

10 (A) ADDRESSEE: Woodcock Washburn Kurtz  
Mackiewicz and Norris  
(B) STREET: One Liberty Place - 46th Floor  
(C) CITY: Philadelphia  
(D) STATE: PA  
(E) COUNTRY: U.S.A.  
15 (F) ZIP: 19103

## (v) COMPUTER READABLE FORM:

20 (A) MEDIUM TYPE: Floppy disk, 1.44 Mb storage  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: WordPerfect 5.1

## (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: n/a  
(B) FILING DATE: herewith  
(C) CLASSIFICATION:

## 25 (vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US92/11339  
(B) FILING DATE: December 23, 1992

## (viii) ATTORNEY/AGENT INFORMATION:

30 (A) NAME: John W. Caldwell  
(B) REGISTRATION NUMBER: 28,937  
(C) REFERENCE/DOCKET NUMBER: ISIS-1236

## (ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 215-568-3100  
(B) TELEFAX: 215-568-3439

## 35 (2) INFORMATION FOR SEQ ID NO: 1:

## (i) SEQUENCE CHARACTERISTICS:

40 (A) LENGTH: 10  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(iv) ANTI-SENSE: yes

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

TGCATTCAG

10

## (2) INFORMATION FOR SEQ ID NO: 2:

## (i) SEQUENCE CHARACTERISTICS:

5

- (A) LENGTH: 17
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(iv) ANTI-SENSE: yes

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

10 TTCTCGCTGC ATTTCA

17

## (2) INFORMATION FOR SEQ ID NO: 3:

## (i) SEQUENCE CHARACTERISTICS:

15

- (A) LENGTH: 20
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(iv) ANTI-SENSE: yes

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

TATTCCGTCA TCGCTCCTCA 20

## 20 (2) INFORMATION FOR SEQ ID NO: 4:

## (i) SEQUENCE CHARACTERISTICS:

25

- (A) LENGTH: 15
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(iv) ANTI-SENSE: yes

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

TGTACGTCAC AACTA

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